TNRCC

Protecting Texas by Reducing and Preventing Pollution

FAX TRANSMITTAL

DATE: 03/18/96 NUMBER OF PAGES *(including this cover sheet):* 8

TO:

Name	Bartolomé J. Cañellas (6SF-RA)
Organization	EPA Region 6 Site Assessment Team
FAX Number	214/665-7447

FROM: TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

Name	Allan M. Seils
Division/Region	Central Office Pollution Cleanup Division Site Discovery and Assessment Program
Telephone Number	512/239-2514
FAX Number	512/239-5645

NOTES:

RE: **OLD BRAZOS FORGE, INC.**

ATTACHED IS ARE COPIES OF THE FOLLOWIING:

0 REVISED SUPERFUND DRINKING WATER SAMPLE REQUEST (INCREASED THE NUMBER OF PRIVATE WELLS TO BE SAMPLED BY SIX (6)).

0 CLP SAMPLE REQUEST FORM

0 SAMPLE RATIONALE TABLE

0 SAMPLE LOCATION MAPS (GW AND SO/SE)

TNRCC HAS HISTORICAL GROUND WATER SAMPLE RESULTS WHICH DOCUMENT HEXAVALENT CHROMIUM IN DOMESTIC WELLS GW-4 AND GW-14 AND IN ON-SITE MONITORING WELLS. THE REMAINING DOMESTIC WELLS HAVE NOT BEEN SAMPLED. ALL WELLS TO BE SAMPLED ARE SCREENED IN THE SAME AQUIFER.

TNRCC HAS HISTORICAL SOIL SAMPLE RESULTS WHICH DOCUMENT CHROMIUM IN THE OVERLAND MIGRATION (DRAINAGE) ROUTE AS FALL OFF-SITE AS SO-10/S0-14 SAMPLE LOCATION. THE PPE LOCATED ON LITTLE SANDY CREEK IS APPROXIMATELY 1.5 MILES FROM THE SOURCE.

PLEASE REVIEW, COMMENT AND FORWARD THE LABORATORY SAMPLE REQUESTS AS SOON AS POSSIBLE.

THANKS.

ALLAN

9292329

REVISED 3/18/96

Superfund Drinking Water
Sample Request

To schedule space at the EPA Houston Branch Laboratory for Drinking Water samples, please forward completed form to Lisa Feldman (LFELDMAN) via WPOffice, or by FAX 713-983-2124. The laboratory requires at least a 2 week lead time for scheduling. The routine turnaround for drinking water samples is 30 days.

If sampling is postponed or cancelled please notify Lisa at 713-983-2129 or via WPOffice.

Site Name: Old Brazos Forge Location: 1709 Highway 36 N. Brenham, TX 77833 TYD CERCLIS #: 048901235

Type of Investigation: ✓ SSI __ ESI __ HRS __ RI/FS __ Other_____

EPA Site Manager: Bart Canellas Mail Code: 6SF-RA Phone #: 214-665-6662

Sampling Company: TNRCC Shipping Date: 3-25 through 3-29, 96

Is this activity: ✓ Superfund Lead __ PRP Lead __ State Lead (Specify)____ __ Other_____

Field Contract (Superfund lead only): __ ARCS __ TES __ Other_____

Requested Parameter	Number of DW Samples
TCL Organics (All fractions)	~~10~~ 16
VOA fraction	x 3
BNA fraction	
PEST/PCB fraction	
TAL Metals and Cyanide	~~10~~ 16
TAL Metals only	
Alkalinity/Hardness	
Other Inorganics (specify)	

REVISED ↓

Note: All communication with the EPA Houston Lab should be through the EPA Site Manager.

04/93

Circle the appropriate contract: ARCS TES TAT REM Other: _____ *CASE/SAS #* _____

REGION 6
CLP SAMPLE REQUEST FORM

Site Name: Old Brazos Forge Location: Brenham, Texas CERCLIS # TXD040901235

Type of Investigation: (X)SSI ()ESI ()HRS ()RI/FS ()RA ()Other: _____

Sampling Comp.: TNRCC Contact: Allen Seils Ph.: (512) 239-2514

Shipping Contact: Ray Newby On Site Ph.: TBD FAX#: (512) 239-2527

D 3/18/96

Signed By: Bart Cornelius Date: 3/20/96 Mail Code: 6SF-RA Ph.: 214-665-6662

(EPA SITE MANAGER, RPM, OSC)

Sampling Date: 3-25 thru 3-29-96 Shipping Date: 3-25 thru 3-29-96 Spill ID #: _____

Turnaround Time: RAS Samples: 35 days SAS Samples: _____

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Is this activity a Superfund Lead? (Y) (N) / A PRP Lead? (Y) (N) / A State Lead? (Y) (N) / Other: _____

Are these samples splits, provided by the PRP? (Y) (N) If these are split samples, please provide the names of the labs that the PRP's will use: Organic Lab(s) _____ *Inorganic Lab(s)* _____

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RAS ANALYSES *(Submit to RSCC on Wednesdays by 11:00 AM, one week prior to your sampling date).*

ANALYSES	Low Conc. Waters	Med. Conc. Waters	Low Conc. Soil/Sedm	Med. Conc. Soil/Sedm
TCL Organic (all three fractions)	5		~~20~~ 15	~~20~~ 15 3/24/96
VOA Fraction	1			
BNA Fraction				
PES/PCB Fraction				
TAL METALS + CN	5		~~20~~ 15	~~20~~ 15 3/24/96
TAL Metals				
PCDD/PCDF(45 TA)				

*Note: If you are collecting samples from drinking water sources, you must contact Lisa Feldman and obtain a Form from her. Lisa's phone is (713) 983-2129. Two weeks lead-time.

TCL = Target Compound List
TA = Turnaround Time
TAL = Target Analyte List
RAS = Routine Analytical Services
SAS = Special Analytical Services

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MULTI-CLIENT SAS ANALYSES *(Submit to RSCC on Wednesdays by 11:00 AM, one week prior to your sampling date).*

ANALYSES	Low Conc. Waters	Med Conc. Waters	Low Conc. Soil/Sedm	Med Conc. Soil/Sedm	Other (Describe)
Low Conc. Organic Drinking H2O		[redacted]	[redacted]	[redacted]	[redacted]
Low Conc. Inorg. Drinking H2O		[redacted]	[redacted]	[redacted]	[redacted]
**Wet Chemistry			[redacted]	[redacted]	[redacted]
TCLP => TCL Org.					
TCLP => TAL Met.					
High Conc. Metal					

** Wet Chemistry = ALK/Cl/Nit/SO4/TOC/TP/COD/TSS/TDS/NH3

Table 2. Proposed Samples to be Collected

Sample Matrix	Sample ID	Sample Location	Rationale	
Ground Water Samples	GW-01	Off-site public supply well approximately .75 miles northwest of site	Obtain background and regionally upgradient ground water sample for attribution of contaminants to site source	B
	GW-02	Off-site public supply well approximately 1.5 miles southwest of site	Obtain background and regionally upgradient ground water sample for attribution of contaminants to site source	B
	GW-03	Off-site domestic well approximately 1 mile northwest of site	Obtain background and regionally upgradient ground water sample for attribution of contaminants to site source	B
	GW-04	Off-site domestic well located at the Kenneth Blum residence used as a drinking water source	Determine the extent of the groundwater contamination downgradient of the site	
	GW-05	Quality Assurance/Quality Control (QA/QC)	Duplicate ground water sample collected at the same location as ground water sample GW-04	
	GW-06	Off-site domestic well located at residence adjacent to the west of site and used as a drinking water source.	Determine the extent of the groundwater contamination in immediate vicinity of the site	T1
	GW-07	Off-site domestic well located at the Jerry Krueger residence (C. Gelck well) used as a drinking water source	Determine the extent of the groundwater contamination downgradient of the site	T2
	GW-08	Off-site domestic well located at the Gall residence used as a drinking water source	Determine the extent of the groundwater contamination downgradient of the site	T3
	GW-09	Off-site domestic well located at the Ervin Lueck residence used as a drinking water source	Determine the extent of the groundwater contamination downgradient of the site	T4
	GW-10	Off-site domestic well located at the Robert Scheel residence used as a drinking water source	Determine the extent of the groundwater contamination downgradient of the site	T5
	GW-11	Quality Assurance/Quality Control (QA/QC)	Duplicate ground water sample collected at the same location as ground water sample GW-04	D
	GW-12	Off-site domestic well located at the Billy Jasinski residence used as a drinking water source	Determine the extent of the groundwater contamination downgradient of the site	T6
	GW-13	Off-site domestic well located at the Bill Tomachefsky residence used as a drinking water source	Determine the extent of the groundwater contamination downgradient of the site	T7
	GW-14	Off-site domestic well located at the Morris Faske residence used as a drinking water source	Determine the extent of the groundwater contamination downgradient of the site	T8

Sample Matrix	Sample ID	Sample Location	Rationale
	GW-15	Quality Assurance/Quality Control (QA/QC)	Duplicate ground water sample collected at the same location as ground water sample GW-06
	GW-16	Off-site domestic well located at the Charles Schulte residence used as a drinking water source	Determine the extent of the groundwater contamination downgradient of the site
	GW-17	On-site monitoring well MH-3 located downgradient of closed surface impoundments	Determine the extent of the groundwater contamination beneath the site
	GW-18	On-site monitoring well MH-5 located near southeast of closed surface impoundments	Determine the extent of the groundwater contamination beneath the site
	GW-19	On-site monitoring well MH-12 located near east boundary of site	Determine the extent of the groundwater contamination beneath the site
	GW-20	On-site monitoring well MH-15 located southwest of closed surface impoundments	Obtain background ground water sample for attribution of contaminants to site source
	GW-21	Quality Assurance/Quality Control (QA/QC)	Duplicate groundwater ground water sample collected at the same location as ground water sample GW-18
Sediment Samples	SE-01	Little Sandy Creek approximately 100 feet upstream from PPE-1	Obtain background sediment sample for attribution of contaminants to site sources
	SE-02	Little Sandy Creek approximately 150 feet upstream from PPE-1	Obtain background sediment sample for attribution of contaminants to site sources
	SE-03	Little Sandy Creek approximately 200 feet upstream from PPE-1	Obtain background sediment sample for attribution of contaminants to site sources
	SE-04	PPE-1 at junction of unnamed tributary and Little Sandy Creek	Assess contamination to perenial waters
	SE-05	Little Sandy Creek approximately 200 feet downstreamof PPE-1	Assess contamination to perenial waters
	SE-06	Quality Assurance/Quality Control (QA/QC)	Duplicate sediment sample collected at the same location as sediment sample SE-04
Soil Samples	SO-01	Unaffected soil area	Obtain background soil sample for attribution of contaminants to site sources
	SO-02	Unaffected soil area	Obtain background soil sample for attribution of contaminants to site sources
	SO-03	Unaffected soil area	Obtain background soil sample for attribution of contaminants to site sources

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cut

Back

CUT 1

Sample Matrix	Sample ID	Sample Location	Rationale
	SO-04	Soil sample from area adjacent to former waste water conduit trenches south of settling lagoons	Assess soil contamination where waste water was formerly discharged from the facility building to open trenches
	SO-05	Soil sample from southeast corner of closed surface impoundments/settling lagoons	Assess possible soil contamination remaining in the vicinity of the lagoons and former drum storage area
	SO-06	Soil sample from area adjacent to former discharge trench north of surface impoundments /settling lagoons	Assess soil contamination where waste water was formerly discharged from the lagoons to open trenches
	SO-07	Soil sample from location of former settling lagoon waste water outfall to intermittent tributary of Little Sandy Creek	Assess soil contamination in vicinity of former outfall and area of previously documented releases
	SO-08	Soil sample from intermittent tributary of Little Sandy Creek aproximately 500 feet west of Highway 36	Assess soil contamination remaining in area of previously detected contamination along overland migration pathway
	SO-09	Soil sample from intermittent tributary of Little Sandy Creek aproximately 100 feet west of Highway 36	Assess extent of soil contamination along overland migration pathway
	SO-10	Soil sample from intermittent tributary of Little Sandy Creek aproximately 400 feet eas-northeastt of Highway 36	Assess extent of soil contamination along overland migration pathway
	SO-11	Soil sample from intermittent tributary of Little Sandy Creek aproximately 400 feet south of PPE-1	Assess extent of soil contamination along overland migration pathway
	SO-12	Soil sample from intermittent tributary of Little Sandy Creek aproximately 50 feet south of PPE-1	Assess extent of soil contamination along overland migration pathway
	SO-13	Quality Assurance/Quality Control (QA/QC)	Duplicate soil sample collected at the same location as soil sample SO-09
	SO-14	Quality Assurance/Quality Control (QA/QC)	Duplicate soil sample collected at the same location as soil sample SO-10
QA/QC	FB-1	Not applicable	Field blank for drinking water matrix, QA/QC
	FB-2	Not applicable	Field blank for drinking water matrix, QA/QC
	FB-3	Not applicable	Field blank for drinking water matrix, QA/QC

site

7 samples in an stream?

CUT 3

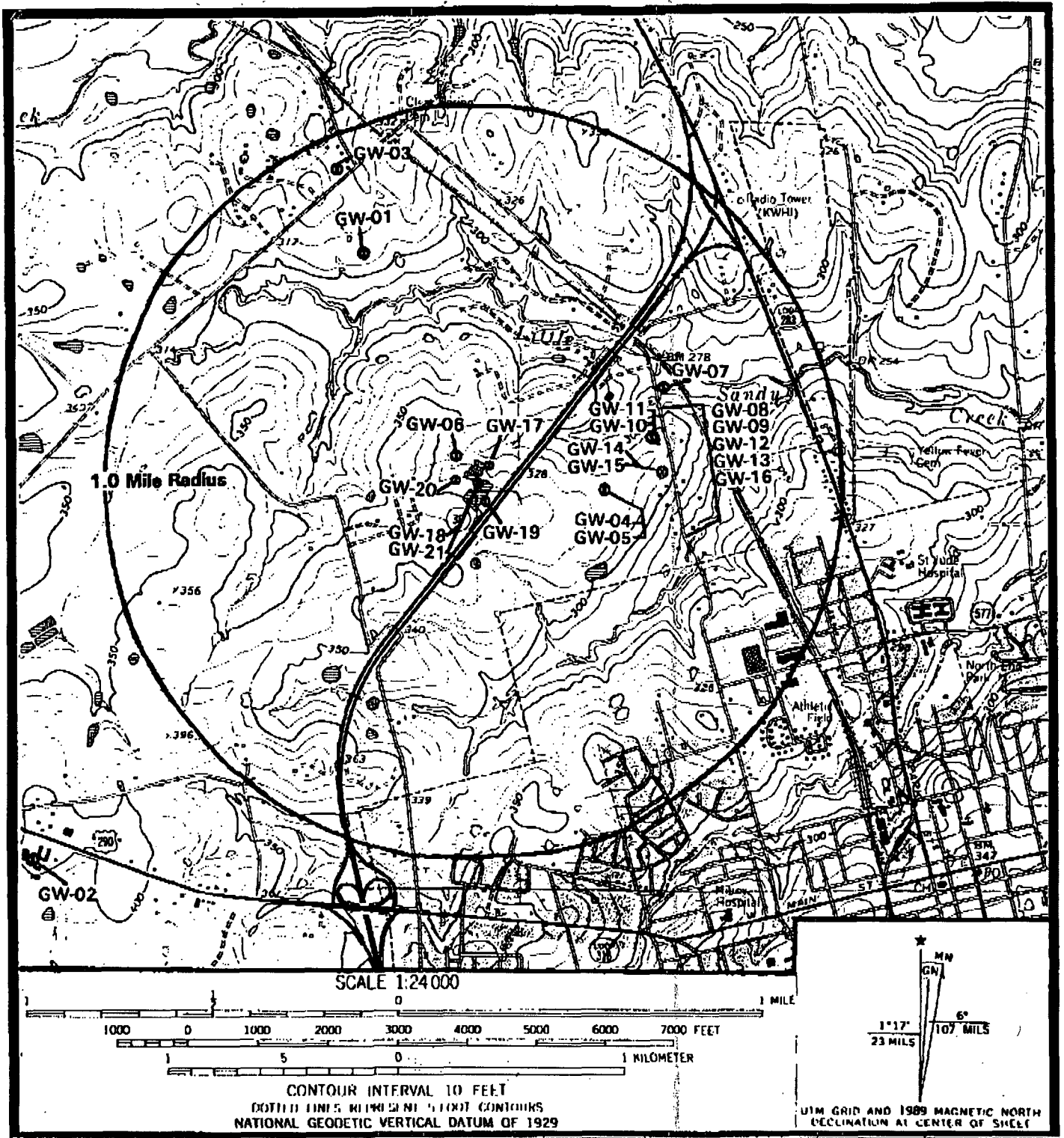

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Figure 6
Proposed Groundwater Sample Locations
(Table 2)

Old Brazos Forge Site

Brenham (Washington County), Texas

CERCLIS No. TXD048901235

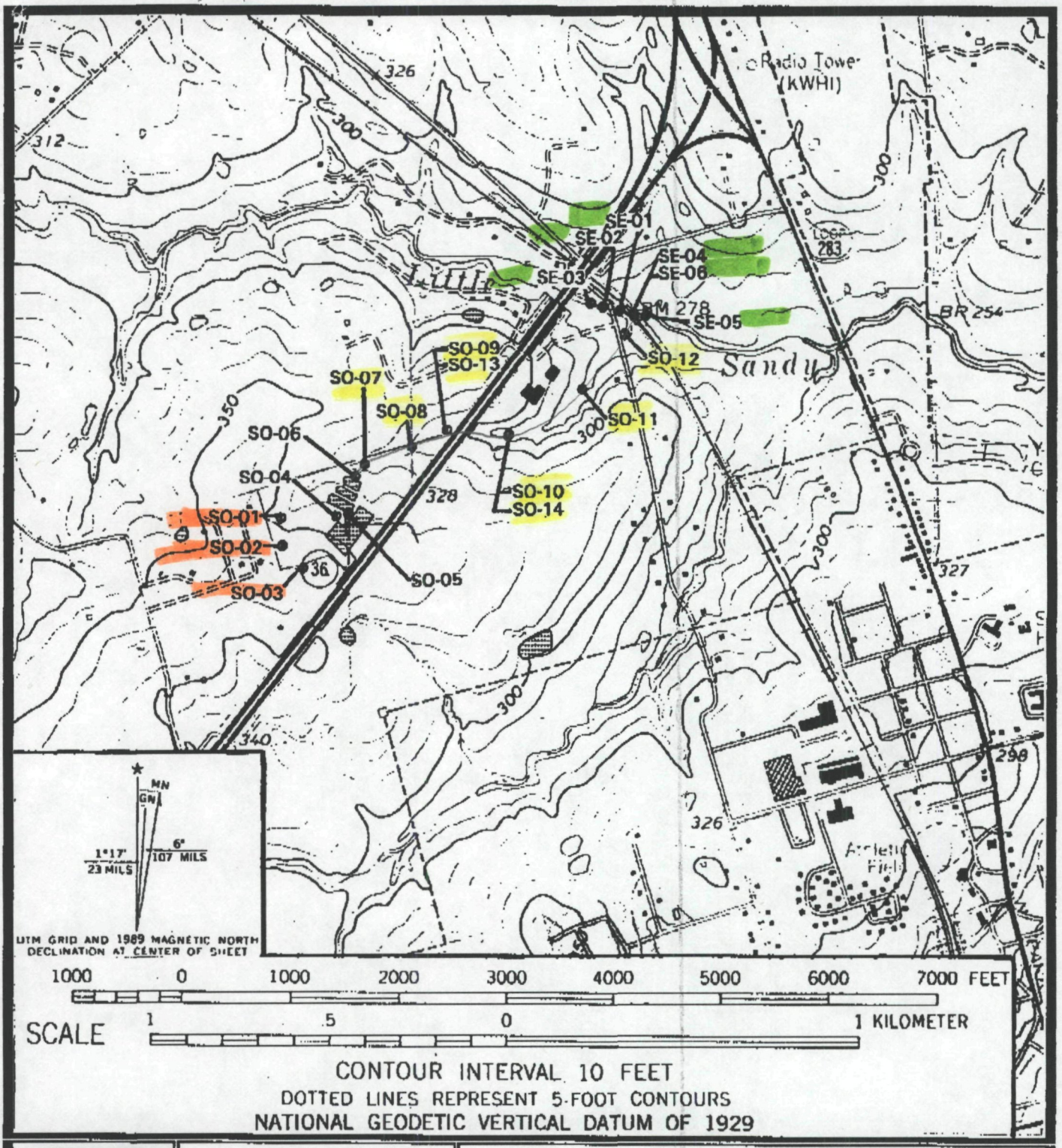

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Figure 7
Proposed Soil and Sediment Sample Locations
(Table 2)

Old Brazos Forge Site

Brenham (Washington County), Texas

CERCLIS No. TXD048901235